

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	3	(collar and universal and key\$6 and container and clearance and flange).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/06/04 10:38
S1	1	("D480639").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/09 16:18
S2	6	("0615453"   "0732655"   "4742927"   "D342897").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 10:36
S3	0	("D480639").URPN.	USPAT	OR	ON	2006/02/28 10:36
S4	0	("D480639").URPN.	USPAT	OR	ON	2006/02/28 10:36
S5	350	222/181.3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 10:37
S6	11	("3826408"   "4164306"   "4238056"   "4345627"   "4493440"   "4586635"   "4673109"   "4993600"   "5165577"   "5248066"   "5282552").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 10:58
S7	38	dispens\$3 with soap with (collar or adaptor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 10:59

S8	12	("20030127470"   "5452825"   "5465877"   "5842609"   "6131773"   "6619512").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 11:12
S9	14	("4238056"   "5464125"   "5713492"   "6082586"   "6131773"   "6223947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 11:14
S10	17	("4974753"   "5033657"   "5083678"   "5431309"   "5439144"   "5638989"   "6082586"   "6409050"   "D480639").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 11:14
S11	11	("4993600"   "5165577"   "5271530"   "5282552"   "5373970"   "5431309"   "5445288"   "5489044"   "5676277"   "5975360"   "6082586").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:23
S12	2	("6409050").URPN.	USPAT	OR	ON	2006/02/28 11:24
S13	19	("3422993"   "3709437"   "3743146"   "3985271"   "4019657"   "4022351"   "4238056"   "4621749"   "4978036"   "5048750"   "5156307"   "5165577"   "5174476"   "5248066"   "5289952"   "5372281"   "5425404"   "5445288").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:25
S14	6	("6082586").URPN.	USPAT	OR	ON	2006/02/28 11:27
S15	24	("2858051"   "3198390"   "3199726"   "3895741"   "4016779"   "4449646"   "4513885"   "4520948"   "4570827"   "4573612"   "4690307"   "4883201"   "4998991"   "5100030"   "5195659"   "5282552"   "5323932"   "5333757"   "5377871"   "5382117"   "5431309").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:27
S16	5	("4199081"   "4345627"   "4429812"   "4673109"   "4886192").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:29
S17	18	("4974753").URPN.	USPAT	OR	ON	2006/02/28 11:30

S18	18	("4974753").URPN.	USPAT	OR	ON	2006/02/28 11:32
S19	35	("1265381"   "3225950"   "3536500"   "3669315"   "4113129"   "4125334"   "4328909"   "4344459"   "4408701"   "4421804"   "4457343"   "4488584"   "4523697"   "4570830"   "4624395"   "4637439"   "4664292"   "4691822"   "4805793"   "4805808"   "4865211"   "4874023"   "4911212"   "4993565"   "5042698"   "5067622"   "5123554"   "5141121"   "5147615"   "5222615"   "5224614"   "D298514").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:36
S20	33	("5425404").URPN.	USPAT	OR	ON	2006/02/28 11:37
S21	19	("3422993"   "3709437"   "3743146"   "3985271"   "4019657"   "4022351"   "4238056"   "4621749"   "4978036"   "5048750"   "5156307"   "5165577"   "5174476"   "5248066"   "5289952"   "5372281"   "5425404"   "5445288").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:40
S22	6	("6082586").URPN.	USPAT	OR	ON	2006/02/28 11:41
S23	1158	222/173	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 13:30
S24	2206	222/381.3,181.2,181.3,183,165,153.09.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 13:32
S25	12973	(neck or finish)with (adaptor or collar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 12:21
S26	1152	("222"/\$.ccls. or "220"/\$.ccls. or "215".ccls.) and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 12:22

S27	90	S26 and (flange with (notch or goove of slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 12:31
S28	1062	S26 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 12:34
S29	9	("6607103"   "6758372"   "6845888"   "D480639").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 12:34
S30	11	("3250438"   "3912125"   "4214676"   "4391309"   "4429812"   "4901890"   "5100030"   "5102010"   "5732853"   "5779104").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 12:56
S31	34	("5174476").URPN.	USPAT	OR	ON	2006/03/06 13:24
S32	8	("4238056"   "4345627"   "4778085"   "5174476"   "5421489"   "5464125"   "5465877"   "5611465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 13:27
S33	15	("5810204").URPN.	USPAT	OR	ON	2006/03/06 13:29
S34	2	"EP 517683"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/25 12:26
S35	2	"EP 517683"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 09:35
S36	7	("3912125"   "4429812"   "4457712"   "4564125"   "4627476"   "4634022"   "4974753").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:05
S37	5	("4199081"   "4345627"   "4429812"   "4673109"   "4886192").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:06

S38	19	("4974753").URPN.	USPAT	OR	ON	2007/04/09 11:07
S39	10	("1927553"   "4974753"   "5704484"   "5875921"   "5924599"   "5924600"   "6001249"   "6015068"   "6206240").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:08
S40	229	("0076483"   "0147272"   "0196437"   "0232362"   "0251923"   "0273831"   "0500260"   "0539460"   "0585327"   "0654016"   "0659764"   "0694477"   "0705160"   "0815158"   "0857056"   "1026145"   "1054146"   "1221350"   "1265381"   "1278764"   "1307828"   "1310405"   "1368703"   "1519347"   "1581072"   "1676711"   "1913393"   "2036310"   "2051513"   "2165570"   "2165825"   "2239921"   "2328110"   "2364400"   "2401914"   "2408664"   "2463922"   "2500199"   "2520003"   "2537119"   "2542350"   "2543390"   "2558700"   "2698703"   "2718985"   "2724535"   "2749096"   "2754999"   "2765956"   "2778545"   "2785833"   "2841313"   "2857084"   "2880912"   "2969896"   "2989243"   "3074700"   "3086683"   "3142320"   "3143255"   "3225950"   "3225970"   "3258166"   "3292527"   "3292822"   "3325844"   "3326417"   "3341073"   "3357605"   "3384276"   "3396871"   "3401850"   "3439843"   "3455332"   "3520451"   "3536500"   "3606096"   "3618905"   "3628444"   "3658216"   "3664550"   "3669315"   "3685694"   "3690520"   "3782610"   "3800826"   "3834596"   "3843021"   "3887116"   "3941171"   "3986642"   "3991219"   "4096971"   "4109829"   "4113129"   "4121507"   "4125334"   "4141461"   "4176694"   "4248335"   "4270673"   "4328909"   "4344459"   "4355735"   "4363424"   "4378079"   "4408701"   "4421804"   "4457343"   "4488584"   "4520950"   "4523697"   "4555371"   "4564483"   "4570830"   "4613063"   "4624395"   "4637439"   "4660742"   "4664292"   "4691822"   "4712713"   "4802610"   "4805793"   "4805808").PN. OR ("4865211"   "4874023"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:13

		"4911212"   "4993565"   "5042698"   "5067622"   "5123554"   "5141121"   "5147615"   "5222615"   "5224614"   "5224854"   "5251789"   "5425404"   "5435451"   "5715877"   "D207069"   "D298514"   "D304552"   "D330483"   "D331516"   "D341775"   "D342176"   "D369110"   "RE32231").PN.				
S41	4	("3384276"   "5323832"   "5628352").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:14
S42	15	("5715877").URPN.	USPAT	OR	ON	2007/04/09 11:15
S43	37	("1226722"   "1506919"   "1770576"   "1970451"   "1997837"   "2944707"   "3180537"   "3317087"   "3325844"   "3446403"   "4105142"   "4356848"   "4402433"   "4746034"   "5029624"   "5060701"   "5119972"   "5125438"   "5224527"   "5294014"   "5379812"   "5484004"   "5515143"   "5551606"   "5641012"   "5715877"   "5967383").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:16
S44	228	("0076483"   "0147272"   "0196437"   "0232362"   "0251923"   "0273831"   "0500260"   "0539460"   "0585327"   "0654016"   "0694477"   "0705160"   "0815158"   "0857056"   "1026145"   "1054146"   "1221350"   "1265381"   "1278764"   "1307828"   "1310405"   "1368703"   "1519347"   "1581072"   "1676711"   "1913393"   "2036310"   "2051513"   "2165570"   "2165825"   "2239921"   "2328110"   "2364400"   "2401914"   "2408664"   "2463922"   "2500199"   "2520003"   "2537119"   "2542350"   "2543390"   "2558700"   "2698703"   "2718985"   "2724535"   "2749096"   "2754999"   "2765956"   "2778545"   "2785833"   "2841313"   "2857084"   "2880912"   "2969896"   "2989243"   "3074700"   "3086683"   "3142320"   "3143255"   "3225950"   "3225970"   "3258166"   "3292527"   "3292822"   "3325844"   "3326417"   "3341073"   "3357605"   "3384276"   "3396871"   "3401850"   "3439843"   "3455332"   "3520451"   "3536500"   "3606096"   "3618905"   "3628444"   "3658216"   "3664550"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:37

		"3669315"   "3685694"   "3690520"   "3782610"   "3800826"   "3834596"   "3843021"   "3887116"   "3941171"   "3986642"   "3991219"   "4096971"   "4109829"   "4113129"   "4121507"   "4125334"   "4141461"   "4176694"   "4248335"   "4270673"   "4328909"   "4344459"   "4355735"   "4363424"   "4378079"   "4408701"   "4421804"   "4457343"   "4488584"   "4520950"   "4523697"   "4555371"   "4564483"   "4570830"   "4613063"   "4624395"   "4637439"   "4660742"   "4664292"   "4691822"   "4712713"   "4802610"   "4805793"   "4805808"   "4865211").PN. OR ("4874023"   "4911212"   "4993565"   "5042698"   "5067622"   "5123554"   "5141121"   "5147615"   "5222615"   "5224614"   "5224854"   "5251789"   "5425404"   "5435451"   "5715877"   "6223791"   "D207069"   "D298514"   "D304552"   "D330483"   "D331516"   "D341775"   "D342176"   "D369110"   "RE32231").PN.				
S45	19	("4974753"   "5033657"   "5083678"   "5377876"   "5431309"   "5439144"   "5638989"   "6082586"   "6409050"   "D480639").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/09 11:37
S46	9	("6607103"   "6758372"   "6845888"   "D480639").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/09 14:21
S47	7	("3912125"   "4429812"   "4457712"   "4564125"   "4627476"   "4634022"   "4974753").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 14:49
S48	22	("5100030").URPN.	USPAT	OR	ON	2007/04/09 14:50
S49	19	("3422993"   "3709437"   "3743146"   "3985271"   "4019657"   "4022351"   "4238056"   "4621749"   "4978036"   "5048750"   "5156307"   "5165577"   "5174476"   "5248066"   "5289952"   "5372281"   "5425404"   "5445288").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 14:58

S50	10	"5377876"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/09 16:19
S51	22	"4974753"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/06 17:20
S52	19	("4974753").URPN.	USPAT	OR	ON	2007/09/10 10:40
S53	5	("4199081"   "4345627"   "4429812"   "4673109"   "4886192").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/10 10:41
S54	13	("2138936"   "2812177"   "3316908"   "4646945"   "4673109"   "4886192"   "4930667"   "4993601"   "5082150"   "5174476").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/10 10:57
S55	17	("5439144").URPN.	USPAT	OR	ON	2007/09/10 10:58
S56	17	("5439144").URPN.	USPAT	OR	ON	2007/09/10 10:59

6/ 4/ 10 10:43:10 AM

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